Fig. 1
(2) mode generator
(D) dielectric
(3) electromagnetic wave generating analyzer
(4) calculating device

Fig. 2
(14) cavity resonator
(16) network analyzer
(18) calculating device

Fig. 6
(14) cavity resonator
(16) network analyzer
(18) calculating device
(148) vacuum vessel
(150) vacuum pump

Fig. 7
(201) wave guiding device
(203) network analyzer
(204) calculating device

Fig. 11
Dielectric constant
Logarithmic alligation
Volume ratio

Fig. 12
Dielectric constant
Logarithmic alligation
Volume ratio

Fig. 13
Dielectric constant
Equation of "LICHITNECKAROTER"
Volume ratio

Fig. 14
Dielectric constant
Equation of "LICHITNECKAROTER"
Volume ratio

Fig. 15
Dielectric constant
Equation of Wiener
Volume ratio

Fig. 16
Dielectric constant
Equation of Wiener
Volume ratio

Fig. 17
Dielectric loss tangent

Volume ratio

Fig. 18
Comparative example
Example
Dielectric constant
Frequency

Fig. 19
Comparative example
Example
Dielectric loss tangent
Frequency

Fig. 20
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 21
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 22
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 23
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 24
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 25
Dielectric constant ε of composite
Volume ratio of Powder

Fig. 26
Type
Dielectric constant of sintered product
Measured value

Fig. 27
Type
Dielectric constant of sintered product
Measured value

Fig. 28
Type
Dielectric constant of sintered product
Measured value

Fig. 29
Dielectric constant ε of composite

Frequency

Fig. 30
Type
Dielectric constant of sintered product
Dielectric constant of mixture with 0.38 of volume ratio of powder

Fig. 31
Dielectric constant ε of composite
Volume ratio of powder